

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-16 (Canceled).

Claim 17 (Previously Presented): A digital image capturing system including a digital image capturing device, comprising:

- a lens;
- an electronic image pick-up which receives images through the lens;
- a processor connected to the electronic image pick-up;
- a first input/output interface connected to the processor;
- a second input/output interface connected to the processor and configured to receive a control program including instructions that are executable by the processor and stored on a card;
- a memory configured to receive the control program from the card and store the control program; and
- an input/output card, configured to be connected to the second interface, which contains an input/output protocol controller, wherein
  - the processor is configured to execute the instructions in the received control program stored in the memory and received from the card.

Claim 18 (Previously Presented): A digital image capturing system according to claim 17, wherein:

- the first input/output interface is configured to receive a memory card.

Claim 19 (Previously Presented): A digital image capturing system according to claim 18, wherein:

the first input/output interface is configured to receive a PCMCIA memory card.

Claim 20 (Previously Presented): A digital image capturing system according to claim 18, wherein:

the first input/output interface is configured to receive a memory card which stores information according to a JEIDA standard.

Claim 21 (Previously Presented): A digital image capturing system according to claim 18, wherein:

the first input/output interface is configured to receive a memory card that is a flash memory card.

Claim 22 (Previously Presented): A digital image capturing system according to one of claims 17 and 18, wherein:

the second input/output interface is configured to receive a card that is a communication card.

Claim 23 (Previously Presented): A digital image capturing system including a digital image capturing device, comprising:

a lens;

an electronic image pick-up which receives images through the lens;

a processor connected to the electronic image pick-up;

a first input/output interface connected to the processor;

a second input/output interface connected to the processor and configured to receive a control program including instructions that are executable by the processor and stored on a card; and

a memory configured to receive the control program from the card and store the control program, wherein

the processor is configured to execute the instructions in the received control program stored in the memory and received from the card, and

the second input/output interface is configured to receive a communication card that is a modem card.

Claim 24 (Previously Presented): A digital image capturing system including a digital image capturing device, comprising:

a lens;

an electronic image pick-up which receives images through the lens;

a processor connected to the electronic image pick-up;

a first input/output interface connected to the processor;

a second input/output interface connected to the processor and configured to receive a control program including instructions that are executable by the processor and stored on a card; and

a memory configured to receive the control program from the card and store the control program, wherein

the processor is configured to execute the instructions in the received control program stored in the memory and received from the card, and

the second input/output interface is configured to receive a communication card which is a local area network (LAN) card.

Claim 25 (Previously Presented): A digital image capturing system according to claim 22, wherein the digital image capturing device further comprises:

a common bus directly connected to both the first and second input/output interfaces.

Claim 26 (Canceled)

Claim 27 (Previously Presented): A digital image capturing system according to claim 17, wherein the input/output card comprises:

a memory which stores the control program.

Claim 28 (Previously Presented): A digital image capturing system including a digital image capturing device, comprising:

a lens;

an electronic image pick-up which receives images through the lens;

a processor connected to the electronic image pick-up;

a first input/output interface connected to the processor;

a second input/output interface connected to the processor and configured to receive a control program including instructions that are executable by the processor and stored on a card; and

a memory configured to receive the control program from the card and store the control program, wherein

the processor is configured to execute the instructions in the received control program stored in the memory and received from the card,

the digital image capturing system further comprising:

an input/output card, configured to be connected to the second interface, having a communication line connected thereto.

Claim 29 (Currently Amended): A digital image capturing system according to claim 17, further comprising:

a communication line connected to the digital image capturing device without connection to the input/output card within the ~~camera~~ digital image capturing system.

Claim 30 (Previously Presented): A digital image capturing system according to claim 17, further comprising:

a communication line, connected to the digital image capturing device, for transmitting video information to a television.

Claim 31 (Previously Presented): A digital image capturing system according to claim 17, wherein the digital image capturing device further comprises:

a card interface circuit, connected between the processor and the first input/output interface.

Claim 32 (Previously Presented): A digital image capturing system according to claim 31, where the card interface circuit is further connected between the processor and the second input/output interface.

Claim 33 (Previously Presented): A digital image capturing system according to claim 17, wherein the memory which receives the control program receives the control program via one of the first and second interfaces.

Claim 34 (Previously Presented): A digital image capturing system according to claim 33, wherein the memory which receives the control program receives the control program from a card connected to one of the first and second interfaces.

Claim 35 (Previously Presented): A digital image capturing system according to claim 34, wherein the memory which receives the control program receives the control program from a card which is an input/output card.

Claim 36 (Previously Presented): A digital image capturing system according to claim 34, wherein the memory which receives the control program receives the control program which controls input/output operations of the digital image capturing device.

Claim 37 (Previously Presented): A digital image capturing system according to claim 17, wherein the digital image capturing device further comprises:

a video expansion circuit which decompresses compressed images received from a memory card connected to one of the first and second interfaces.

Claim 38 (Previously Presented): A digital image capturing system according to claim 17, wherein the digital image capturing device further comprises:

an audio expansion circuit which decompresses compressed sound received from a memory card connected to one of the first and second interfaces.

Claim 39 (Previously Presented): A digital image capturing system according to claim 17, wherein the digital image capturing device further comprises:

a memory for storing at least one of exposure controlling information, focus information, and white balance information received from a memory card connected to one of the first and second interfaces.

Claim 40 (Previously Presented): A digital image capturing system according to claim 17, wherein the digital image capturing device further comprises:

a memory for storing at least one of exposure controlling information, focus information, and white balance information received from an input/output card connected to one of the first and second interfaces.

Claim 41 (Previously Presented): A digital image capturing system according to claim 17, wherein at least one of the first and second interfaces outputs date information related to a captured image to a memory card.

Claim 42 (Previously Presented): A digital image capturing system according to claim 17, wherein at least one of the first and second interfaces outputs date information related to a captured image to an input/output card.

Claim 43 (Previously Presented): A digital image capturing system according to claim 17, wherein at least one of the first and second interfaces outputs through a communication card a captured image to an Internet service provider.

Claim 44 (Previously Presented): A digital image capturing system according to claim 17, wherein at least one of the first and second interfaces outputs through a communication card an image to an Internet service provider.

Claim 45 (Previously Presented): A digital image capturing system according to claim 17, further comprising:

a computer having a memory card reader which reads memory cards containing images captured from the digital image capturing device.

Claim 46 (Previously Presented): A digital image capturing system including a digital image capturing device, comprising:

a lens;

an electronic image pick-up means for receiving images through the lens;

a first input/output interface means for interfacing to the digital image capturing device;

a second input/output interface means for interfacing to the digital image capturing device and for receiving a control program including instructions that are executable by the processor and stored on a card;

a memory configured to receive the control program from the card and store the received control program;

an input/output card means, corresponding to the card and for connection to the second interface means, which contains an input/output protocol controller means for controlling a communication protocol; and

a processor means for executing the instructions in the received control program stored in the memory and received from the card.



Claim 47 (Previously Presented): A digital image capturing system according to claim 46, wherein:

the first input/output interface means is for receiving a memory card means for storing data.

Claim 48 (Previously Presented): A digital image capturing system according to claim 47, wherein:

the first input/output interface means is for receiving a PCMCIA memory card means.

Claim 49 (Previously Presented): A digital image capturing system according to claim 47, wherein:

the first input/output interface mean is for receiving a memory card means for storing information according to a JEIDA standard.

Claim 50 (Previously Presented): A digital image capturing system according to claim 47, wherein:

the first input/output interface means is for receiving a memory card means that is a flash memory card.

Claim 51 (Previously Presented): A digital image capturing system according to one of claims 46 and 47, wherein:

the second input/output interface means is for receiving a card means which is a communication card means for communicating information into and out of the digital image capturing device.

Claim 52 (Previously Presented): A digital image capturing system including a digital image capturing device, comprising:

- a lens;
- an electronic image pick-up means for receiving images through the lens;
- a first input/output interface means for interfacing to the digital image capturing device;
- a second input/output interface means for interfacing to the digital image capturing device and for receiving a control program including instructions that are executable by the processor and stored on a card;
- a memory configured to receive the control program from the card and store the received control program; and

a processor means for executing the instructions in the received control program stored in the memory and received from the card, wherein:

the second input/output interface means is for receiving a communication card means that is a modem card means for modulating and demodulating and for communicating information into and out of the digital image capturing device.

Claim 53 (Previously Presented): A digital image capturing system including a digital image capturing device, comprising:

- a lens;
- an electronic image pick-up means for receiving images through the lens;
- a first input/output interface means for interfacing to the digital image capturing device;

a second input/output interface means for interfacing to the digital image capturing device and for receiving a control program including instructions that are executable by the processor and stored on a card;

a memory configured to receive the control program from the card and store the received control program; and

a processor means for executing the instructions in the received control program stored in the memory and received from the card, wherein:

the second input/output interface means is for receiving a communication card means which is a local area network (LAN) card means for communication with a LAN and for communicating information into and out of the digital image capturing device.

Claim 54 (Previously Presented): A digital image capturing system according to claim 51, wherein the digital image capturing device further comprises:

a common bus means for communicating information, directly connected to both the first and second input/output interface means.

Claim 55 (Canceled):

Claim 56 (Previously Presented): A digital image capturing system according to claim 46, wherein the input/output card means comprises:

a memory means for storing the control program.

Claim 57 (Previously Presented): A digital image capturing system including a digital image capturing device, comprising:

a lens;

an electronic image pick-up means for receiving images through the lens;

a first input/output interface means for interfacing to the digital image capturing device;

a second input/output interface means for interfacing to the digital image capturing device and for receiving a control program including instructions that are executable by the processor and stored on a card;

a memory configured to receive the control program from the card and store the received control program;

a processor means for executing the instructions in the received control program stored in the memory and received from the card; and

an input/output card means for inputting and outputting information and for connection to the second interface means, the input/output card means having a communication line means connected thereto.

Claim 58 (Currently Amended): A digital image capturing system according to claim 46, further comprising:

a communication line means, connected to the digital image capturing device without connection to the input/output card within the ~~camera~~, digital image capturing system for communicating information.

Claim 59 (Previously Presented): A digital image capturing system according to claim 46, further comprising:

a communication line means, connected to the digital image capturing device, for transmitting video information to a television.

Claim 60 (Previously Presented): A digital image capturing system according to claim 46, wherein the digital image capturing device further comprises:

a card interface circuit means, connected between the processor and the first input/output interface, for interfacing to a device that is external to the digital image capturing device.

Claim 61 (Previously Presented): A digital image capturing system according to claim 60, where the card interface circuit means is further connected between the processor means and the second input/output interface means.

Claim 62 (Previously Presented): A digital image capturing system according to claim 46, wherein the memory means includes means for receiving the control program via one of the first and second input/output interface means.

Claim 63 (Previously Presented): A digital image capturing system according to claim 62, wherein the memory means for receiving the control program receives the control program from a card connected to one of the first and second interface means.

Claim 64 (Previously Presented): A digital image capturing system according to claim 63, wherein the memory means for receiving the control program receives the control program from a card which is an input/output card.

Claim 65. (Previously Presented): A digital image capturing system according to claim 63, wherein the memory means for receiving the control program receives the control program which controls input/output operations of the digital image capturing device.

Claim 66 (Previously Presented): A digital image capturing system according to claim 46, wherein the digital image capturing device further comprises:

a video expansion circuit means for decompressing compressed images received from a memory card means connected to one of the first and second interface means.

Claim 67 (Previously Presented): A digital image capturing system according to claim 46, wherein the digital image capturing device further comprises:

an audio expansion circuit means for decompressing compressed sound received from a memory card means connected to one of the first and second interface means.

Claim 68 (Previously Presented): A digital image capturing system according to claim 46, wherein the digital image capturing device further comprises:

a memory means for storing at least one of exposure controlling information, focus information, and white balance information received from a memory card connected to one of the first and second interface means.

Claim 69 (Previously Presented): A digital image capturing system according to claim 46, wherein the digital image capturing device further comprises:

a memory means for storing at least one of exposure controlling information, focus information, and white balance information received from an input/output card connected to one of the first and second interface means.

Claim 70 (Previously Presented): A digital image capturing system according to claim 46, wherein at least one of the first and second interface means outputs date information related to a captured image to a memory card means.

Claim 71 (Previously Presented): A digital image capturing system according to claim 46, wherein at least one of the first and second interface means is for outputting date information related to a captured image to an input/output card means.

Claim 72 (Previously Presented): A digital image capturing system according to claim 46, wherein at least one of the first and second interface means is for outputting through a communication card a captured image to an Internet service provider means.

Claim 73 (Previously Presented): A digital image capturing system according to claim 46, wherein at least one of the first and second interface means is for outputting through a communication card an image to an Internet service provider means.

Claim 74 (Previously Presented): A digital image capturing system according to claim 46, further comprising:

a computer having a memory card reading means for reading memory card means containing images captured from the digital image capturing device.

Claim 75 (Previously Presented): A digital image capturing system including a digital image capturing device, comprising:

a lens;

an electronic image pick-up which receives images through the lens;

a processor connected to the electronic image pick-up;

at least two input/output interfaces connected to the processor, and at least one of the input/output interfaces is further configured to receive a control program stored on a card;

a memory configured to receive the control program from the card through one of the input/output interfaces, wherein

the processor is configured to transfer the control program to the memory through the one of the input/output interfaces and execute the received control program in the memory to communicate with an external device through a different input/output interface in the at least two input/output interfaces that is different than the one of the input/output interfaces through which the control program is received.

Claim 76 (Previously Presented): A digital image capturing system according to claim 17, wherein:

the first input/output interface is for connection to a communication line which is external to the digital image capturing system; and

the second input/output interface is for connection to a card which is a removable memory card.

Claim 77 (Previously Presented): A digital image capturing system according to claim 76, wherein:

the first input/output interface is for connection to the communication line through a removable communication card.

Claim 78 (Previously Presented): A digital image capturing system according to claim 17, wherein:

the second input/output interface is further configured to communicate images captured by the image capturing system to the removable memory card.



Claim 79 (Previously Presented): A digital image capturing system according to claim 46, wherein:

the first input/output interface means is for connection to a communication line which is external to the digital image capturing system; and

the second input/output interface means is for connection to a card which is a removable memory card.

Claim 80 (Previously Presented): A digital image capturing system according to claim 79, wherein:

the first input/output interface means is for connection to the communication line through a removable communication card.

Claim 81 (Previously Presented): A digital image capturing system according to claim 46, wherein:

the second input/output interface means is further configured to communicate images captured by the image capturing system to the removable memory card.

Claim 82 (Previously Presented): A digital camera, comprising:

a lens;

an electronic image pick-up which receives images through the lens;

a processor connected to the electronic image pick-up;

a first input/output interface connected to the processor and configured to receive through an external communication line a control program including instructions that are executable by the processor;

a second input/output interface connected to the processor and configured to be connectable to a removable memory card which stores images captured by the electronic image pick-up;

a memory configured to receive the control program from the first input/output interface and store the control program, wherein

the processor is configured to execute the instructions in the received control program stored in the memory in order to control the digital camera.

Claim 83 (Previously Presented): A digital camera according to claim 82, wherein:

the first input/output interface is for connection to the external communication line through a removable communication card.

Claim 84 (Previously Presented): A digital camera according to claim 82, wherein:

the first input/output interface is for direct connection to the external communication line.

Claim 85 (Previously Presented): A digital camera, comprising:

a lens;

an electronic image pick-up which receives images through the lens;

a processor connected to the electronic image pick-up;

a first means connected to the processor for receiving through an external communication line a control program including instructions that are executable by the processor;

a second means connected to the processor for connection to a removable memory card which stores images captured by the electronic image pick-up;

a memory configured to receive the control program from the first means and store the control program, wherein

the processor is configured to execute the instructions in the received control program stored in the memory in order to control the digital camera.

Claim 86 (Previously Presented): A digital camera according to claim 85, wherein:  
the first means is for connection to the external communication line through a removable communication card.

Claim 87 (Previously Presented): A digital camera according to claim 85, wherein:  
the first means is for direct connection to the external communication line.

Claim 88 (Previously Presented): A digital camera, comprising:  
a lens;  
an electronic image pick-up which receives images through the lens;  
a processor connected to the electronic image pick-up;  
a first input/output interface connected to the processor and configured to receive a control program including instructions that are executable by the processor;  
a second input/output interface connected to the processor and configured to be connectable to a removable memory card, the second input/output interface being configured to write images captured by the electronic image pick-up in the removable memory card and configured to read a control program including instructions that are executable by the processor from the memory card;  
a memory configured to receive and store the control program from the first input/output interface and the second input/output interface, wherein

the processor is configured to execute the received control program stored in the memory in order to control the digital camera.

Claim 89 (Previously Presented): A digital camera according to claim 88, wherein:  
the first input/output interface is for connection to an external communication line through a removable communication card.

Claim 90 (Previously Presented): A digital camera according to claim 88, wherein:  
the first input/output interface is for direct connection to an external communication line.

Claim 91 (Previously Presented): A digital camera, comprising:  
a lens;  
an electronic image pick-up which receives images through the lens;  
a processor connected to the electronic image pick-up;  
a first means connected to the processor for receiving a control program including instructions that are executable by the processor;  
a second means connected to the processor for interfacing with a removable memory card, the second means for writing images captured by the electronic image pick-up in the removable memory card and for reading a control program including instructions that are executable by the processor from the memory card;  
a memory configured to receive and store the control program from the first and the second means, wherein  
the processor is configured to execute the received control program stored in the memory in order to control the digital camera.

Claim 92 (Currently Amended): A digital camera according to claim ~~[[90]]~~ 91,  
wherein:

the first means is for connection to an external communication line through a  
removable communication card.

Claim 93 (Currently Amended): A digital camera according to claim ~~[[90]]~~ 91,  
wherein:

the first means is for direct connection to an external communication line.